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2013

Optoma Projector Range

Ultra Mobile

Mobile

Desktop / Install

Widescreen

Short Throw / Ultra Short Throw

High Resolution

Pico

Home Entertainment

Home Cinema

Data Range	Ultra Mobile		
MODEL NAME	LED ML300	LED ML500	EX330e
Resolution	WXGA (1280 x 800)	WXGA (1280 x 800)	XGA (1024 x 768) up to SXGA
Brightness	300 ANSI Lumens (LED)	500 ANSI Lumens (LED)	2200 ANSI Lumens
Contrast	3000:1	3000:1	2000:1
Noise Level (ECO mode)	29dB	29dB	31dB
Weight (kg)	0.635	1.14	1.1
Lamp Life* (hrs) (ECO mode)	20,000 (LED Life)	20,000 (LED Life)	5000
Dimensions: (WxDxHmm)	184 x 105 x 44	220 x 170 x 43	206 x 156 x 64
Aspect Ratio	16:10 Native, 16:9, 4:3 Compatible	16:10 Native, 16:9, 4:3 Compatible	4:3 Native, 16:9 Compatible
Image Size (Native)	0.43 - 4.06m (17" - 160") Diagonal 16:10	0.43 - 4.57m (17" - 180") Diagonal 16:10	0.58 - 7.7m (22.91" - 303.15") Diagonal 4:3
Throw Ratio	1.5:1	1.4:1	1.95 ~ 2.15:1
Zoom Type	Fixed	Fixed	1.1x Manual
Keystone Correction	±30° Vertical (Auto)	±40° Vertical (Auto)	±18° Vertical
Connections	mini-HDMI, VGA (YPbPr/ RGB), Composite, A/V In, microSD-slot, USB Reader, micro-USB Display	HDMI, VGA (YPbPr/RGB), S-Video, Composite, Audio In, SD-slot, USB Reader, mini-USB Display	HDMI (image only), VGA (YPbPr/RGB/SCART), S-Video, Composite, USB (mouse)
Optional Wireless	Mini WiFi Dongle	Mini WiFi Dongle	WPS3-Dongle
Speaker (Watts)	2	2	-
Bag	✓	✓	✓
Features	PC-Free Presenting, 1.3GB memory, LED light source 3D Ready	PC-Free Presenting, 1GB memory, LED light source 3D Ready	Ultra light and Portable, 5000hrs Lamp Life

Data Range	Ultra Mobile			Mobile
MODEL NAME	EX7155e	EW330e	EW1691e	DS211
Resolution	XGA (1024 x 768) up to UXGA	WXGA (1280 x 800) up to WXGA+	WXGA (1280 x 800) up to UXGA	SVGA (800 x 600) up to UXGA
Brightness	3000 ANSI Lumens	2200 ANSI Lumens	3000 ANSI Lumens	2500 ANSI Lumens
Contrast	2500:1	2000:1	2500:1	3500:1
Noise Level (ECO mode)	33dB	31dB	33dB	28dB
Weight (kg)	1.4	1.2	1.4	2.3
Lamp Life* (hrs) (ECO mode)	3000	5000	3000	6000
Dimensions: (WxDxHmm)	220 x 178 x 71	206 x 156 x 64	220 x 178 x 71	286 x 192 x 84
Aspect Ratio	4:3 Native, 16:9 Compatible	16:10 Native, 16:9, 4:3 Compatible	16:10 Native, 16:9, 4:3 Compatible	4:3 Native, 16:9 Compatible
Image Size (Native)	0.68 - 7.9m (26.87" - 311.10") Diagonal 4:3	0.69 - 9.13m (27.31" - 359.44") Diagonal 16:10	0.79 - 9.43m (30.95" - 371.42") Diagonal 16:10	0.70 - 7.70m (27.49" - 303.12") Diagonal 4:3
Throw Ratio	1.8 ~ 2.2:1	1.55 ~ 1.7:1	1.5 ~ 1.8:1	1.95 ~ 2.15:1
Zoom Type	1.15x Manual	1.1x Manual	1.15x Manual	1.1x Manual
Keystone Correction	±30° Vertical	±18° Vertical	±30° Vertical	±40° Vertical
Connections	HDMI, VGA (YPbPr/ RGB/SCART), S-Video, Composite, Audio In, USB (mouse)	HDMI connector (image only), VGA (YPbPr/ RGB/SCART), S-Video, Composite, USB (mouse)	HDMI connector, VGA (YPbPr/RGB/SCART), S-Video, Composite, Audio In, USB (mouse)	VGA (YPbPr/RGB/SCART), S-Video, Composite, RS232
Optional Wireless	WPS3-Dongle	WPS3-Dongle	WPS3-Dongle	WPS3-Dongle
Speaker (Watts)	1	-	1	-
Bag	✓	✓	✓	-
Features	Smallest and brightest XGA Projector	World's smallest WXGA Projector, 5000hrs Lamp Life	Smallest and brightest WXGA Projector	Simple and Easy to Use

Data Range	Mobile		
MODEL NAME	DS327	DS329	ES521
Resolution	SVGA (800 x 600) up to UXGA	SVGA (800 x 600) up to UXGA	SVGA (800 x 600) up to UXGA
Brightness	2600 ANSI Lumens	2600 ANSI Lumens	2700 ANSI Lumens
Contrast	4000:1	4000:1	4500:1
Noise Level (ECO mode)	28dB	28dB	28dB
Weight (kg)	2.2	2.2	2.3
Lamp Life* (hrs) (ECO mode)	6000	6000	6000
Dimensions: (WxDxHmm)	280 x 230 x 77	280 x 230 x 77	286 x 192 x 84
Aspect Ratio	4:3 Native, 16:9 Compatible	4:3 Native, 16:9 Compatible	4:3 Native, 16:9 Compatible
Image Size (Native)	0.69m – 7.62m (27.24" - 300.04") Diagonal 4:3	0.69m – 7.62m (27.24" - 300.04") Diagonal 4:3	0.70 - 7.70m (27.49" - 303.12") Diagonal 4:3
Throw Ratio	1.97 ~ 2.17:1	1.97 ~ 2.17:1	1.95 ~ 2.15:1
Zoom Type	1.1x Manual	1.1x Manual	1.1x Manual
Keystone Correction	±40° Vertical	±40° Vertical	±40° Vertical
Connections	2 x VGA (YPbPr/RGB), S-Video, Composite, Audio In, RS232, VGA Out, Audio Out, USB (mouse)	HDMI, 2 x VGA (YPbPr/ RGB), S-Video, Composite, Audio In, RS232, VGA Out, Audio Out, USB (mouse)	VGA (YPbPr/RGB/SCART), S-Video, Composite, RS232
Optional Wireless	WPS3-Dongle	WPS3-Dongle	WPS3-Dongle
Speaker (Watts)	2	2	-
Bag	-	-	✓
Features	Simple and Easy to Use 3D Ready	Simple and Easy to Use 3D Ready	Simple and Easy to Use

Data Range	Mobile			
MODEL NAME	ES550	ES551	Eco+ ES556	DX327
Resolution	SVGA (800 x 600) up to UXGA	SVGA (800 x 600) up to UXGA	SVGA (800 x 600) up to UXGA	XGA (1024 x 768) up to UXGA
Brightness	2800 ANSI Lumens	2800 ANSI Lumens	3000 ANSI Lumens	2600 ANSI Lumens
Contrast	5000:1	5000:1	13,000:1	4000:1
Noise Level (ECO mode)	28dB	28dB	28dB	28dB
Weight (kg)	2.2	2.2	2.2	2.2
Lamp Life* (hrs) (ECO mode)	6000	6000	6500	6000
Dimensions: (WxDxHmm)	280 x 230 x 77	280 x 230 x 77	288 x 220 x 84	280 x 230 x 77
Aspect Ratio	4:3 Native, 16:9 Compatible	4:3 Native, 16:9 Compatible	4:3 Native, 16:9 Compatible	4:3 Native, 16:9 Compatible
Image Size (Native)	0.69m – 7.62m (27.24" - 300.04") Diagonal 4:3	0.69m – 7.62m (27.24" - 300.04") Diagonal 4:3	0.7 - 7.70m (27.49" - 303.12") Diagonal 4:3	0.69m – 7.62m (27.24" - 300.04") Diagonal 4:3
Throw Ratio	1.97 ~ 2.17:1	1.97 ~ 2.17:1	1.95 ~ 2.15:1	1.97 ~ 2.17:1
Zoom Type	1.1x Manual	1.1x Manual	1.1x Manual	1.1x Manual
Keystone Correction	±40° Vertical	±40° Vertical	±40° Vertical	±40° Vertical
Connections	2 x VGA (YPbPr/RGB), S-Video, Composite, Audio In, RS232, VGA Out, Audio Out, USB (mouse)	HDMI, 2 x VGA (YPbPr/ RGB), S-Video, Composite, Audio In, RS232, VGA Out, Audio Out, USB (mouse)	HDMI, 2 x VGA (YPbPr/ RGB), S-Video, Composite, Audio In, Audio Out, VGA Out, RS232, USB (mouse)	2 x VGA (YPbPr/RGB), S-Video, Composite, Audio In, Audio Out, VGA Out, RS232, USB (mouse)
Optional Wireless	WPS3-Dongle	WPS3-Dongle	WPS3-Dongle	WPS3-Dongle
Speaker (Watts)	2	2	2	2
Bag	✓	✓	✓	✓
Features	Simple and Easy to Use 3D Ready	Simple and Easy to Use 3D Ready	Eco+, Simple and Easy to Use, Easy Replacement Lamp 3D Ready	Simple and Easy to Use 3D Ready

Data Range	Mobile		
MODEL NAME	DX329	EX550	EX551
Resolution	XGA (1024 x 768) up to UXGA	XGA (1024 x 768) up to UXGA	XGA (1024 x 768) up to UXGA
Brightness	2600 ANSI Lumens	2800 ANSI Lumens	2800 ANSI Lumens
Contrast	4000:1	5000:1	5000:1
Noise Level (ECO mode)	28dB	28dB	28dB
Weight (kg)	2.2	2.2	2.2
Lamp Life* (hrs) (ECO mode)	6000	6000	6000
Dimensions: (WxDxHmm)	280 x 230 x 77	280 x 230 x 77	280 x 230 x 77
Aspect Ratio	4:3 Native, 16:9 Compatible	4:3 Native, 16:9 Compatible	4:3 Native, 16:9 Compatible
Image Size (Native)	0.69m – 7.62m (27.24" - 300.04") Diagonal 4:3	0.69m – 7.62m (27.24" - 300.04") Diagonal 4:3	0.69m – 7.62m (27.24" - 300.04") Diagonal 4:3
Throw Ratio	1.97 ~ 2.17:1	1.97 ~ 2.17:1	1.97 ~ 2.17:1
Zoom Type	1.1x Manual	1.1x Manual	1.1x Manual
Keystone Correction	±40° Vertical	±40° Vertical	±40° Vertical
Connections	HDMI, 2 x VGA (YPbPr/ RGB), S-Video, Composite, Audio In, Audio Out, VGA Out, RS232, USB (mouse)	2 x VGA (YPbPr/RGB), S-Video, Composite, Audio In, Audio Out, VGA Out, RS232, USB (mouse)	HDMI, 2 x VGA (YPbPr/RGB), S-Video, Composite, Audio In, Audio Out, VGA Out, RS232, USB (mouse)
Optional Wireless	WPS3-Dongle	WPS3-Dongle	WPS3-Dongle
Speaker (Watts)	2	2	2
Bag	✓	✓	✓
Features	Simple and Easy to Use 3D Ready	Simple and Easy to Use 3D Ready	Simple and Easy to Use 3D Ready

Data Range	Mobile		Desktop / Install	
MODEL NAME	EX555	EX556	FX5200	EX631
Resolution	XGA (1024 x 768) up to UXGA	XGA (1024 x 768) up to UXGA	XGA (1024 x 768) up to UXGA	XGA (1024 x 768) up to UXGA
Brightness	3000 ANSI Lumens	3000 ANSI Lumens	3300 ANSI Lumens	3500 ANSI Lumens
Contrast	13,000:1	13,000:1	8000:1	10,000:1
Noise Level (ECO mode)	28dB	28dB	29dB	29dB
Weight (kg)	2.2	2.2	2.2	2.2
Lamp Life* (hrs) (ECO mode)	6500	6500	6000	6000
Dimensions: (WxDxHmm)	288 x 220 x 84	288 x 220 x 84	280 x 230 x 77	280 x 230 x 77
Aspect Ratio	4:3 Native, 16:9 Compatible	4:3 Native, 16:9 Compatible	4:3 Native, 16:9 Compatible	4:3 Native, 16:9 Compatible
Image Size (Native)	0.7 - 7.70m (27.49" - 303.12") Diagonal 4:3	0.7 - 7.70m (27.49" - 303.12") Diagonal 4:3	0.69 – 6.35m (27.21" - 249.81") Diagonal 4:3	0.69 – 6.35m (27.21" - 249.81") Diagonal 4:3
Throw Ratio	1.95 ~ 2.15:1	1.95 ~ 2.15:1	1.97 ~ 2.17:1	1.97 ~ 2.17:1
Zoom Type	1.1x Manual	1.1x Manual	1.1x Manual	1.1x Manual
Keystone Correction	±40° Vertical	±40° Vertical	±40° Vertical	±40° Vertical
Connections	2 x VGA (YPbPr/RGB), S-Video, Composite, Audio In, Audio Out, VGA Out, RS232, USB (mouse)	HDMI, 2 x VGA (YPbPr/RGB), S-Video, Composite, Audio In, Audio Out, VGA Out, RS232, USB (mouse)	HDMI, 2 x VGA (YPbPr/ RGB/Wireless), S-Video, Composite, Audio In, Audio Out, VGA Out, RJ45, RS232, USB (mouse)	HDMI, 2 x VGA (YPbPr/ RGB/Wireless), S-Video, Composite, Audio In, Audio Out, VGA Out, RJ45, RS232, USB (mouse)
Optional Wireless	WPS3-Dongle	WPS3-Dongle	WPS3-Dongle	WPS3-Dongle
Speaker (Watts)	2	2	10	10
Bag	✓	✓	✓	✓
Features	Eco+, Simple and Easy to Use, Easy Replacement Lamp 3D Ready	Eco+, Simple and Easy to Use, Easy Replacement Lamp 3D Ready	Eco+, Security Bar, Easy Replacement Lamp 3D Ready	Eco+, Security Bar, Easy Replacement Lamp 3D Ready

Data Range	Desktop / Install		
MODEL NAME	EX615	EX762	EX765
Resolution	XGA (1024 x 768) up to UXGA	XGA (1024 x 768) up to UXGA	XGA (1024 x 768) up to UXGA
Brightness	3500 ANSI Lumens	4000 ANSI Lumens	4000 ANSI Lumens
Contrast	3000:1	3000:1	2500:1
Noise Level (ECO mode)	28dB	29dB	28dB
Weight (kg)	2.9	2.9	4.6
Lamp Life* (hrs) (ECO mode)	4000	3000	4000
Dimensions: (WxDxHmm)	324 x 234 x 97	324 x 234 x 97	364 x 283 x 127
Aspect Ratio	4:3 Native, 16:9 Compatible	4:3 Native, 16:9 Compatible	4:3 Native, 16:9 Compatible
Image Size (Native)	0.78 - 9.38m (30.79" - 369.43") Diagonal 4:3	0.78 - 9.38m (30.79" - 369.43") Diagonal 4:3	0.57 - 7.72m (22.39" - 304.06") Diagonal 4:3
Throw Ratio	1.6 ~ 1.92:1	1.6 ~ 1.92:1	1.62 ~ 2.64:1
Zoom Type	1.2x Manual	1.2x Manual	1.6x Manual
Keystone Correction	±40° Vertical	±40° Vertical	±30° Vertical PureShift +25% V, ±30% H
Connections	HDMI, 2 x VGA (YPbPr/RGB/ SCART/Wireless), S-Video, Composite, 3 x Audio In, Audio Out, VGA Out, RJ45, RS232, USB (mouse), +12v Trigger	HDMI, 2 x VGA (YPbPr/RGB/ SCART/Wireless), S-Video, Composite, 3 x Audio In, Audio Out, VGA Out, RJ45, RS232, USB (mouse), +12v Trigger	HDMI, DVI-D, 2 x VGA (YPbPr/RGB/SCART), S-Video, Composite, 3 x Audio In (RCA/Jack), Audio Out, VGA Out, RJ45, RS232, USB (mouse), +12v Trigger
Optional Wireless	WPS3-Dongle	WPS3-Dongle	WPS3-Dongle
Speaker (Watts)	10	8	4
Bag	✓	✓	-
Features	Security Bar, Logo Capture	Security Bar, Logo Capture 3D Ready	PureShift (V&H Shift)

Data Range	Desktop / Install	Widescreen		
MODEL NAME	EX765W	DW318	EW536	EW556
Resolution	XGA (1024 x 768) up to UXGA	WXGA (1280 x 800) up to UXGA	WXGA (1280 x 800) up to UXGA	WXGA (1280 x 800) up to UXGA
Brightness	4000 ANSI Lumens	2500 ANSI Lumens	2800 ANSI Lumens	3200 ANSI Lumens
Contrast	2500:1	2500:1	3000:1	13,000:1
Noise Level (ECO mode)	28dB	28dB	28dB	28dB
Weight (kg)	4.6	2.3	2.3	2.2
Lamp Life* (hrs) (ECO mode)	4000	4000	4000	6500
Dimensions: (WxDxHmm)	364 x 283 x 127	286 x 192 x 84	286 x 192 x 84	288 x 220 x 84
Aspect Ratio	4:3 Native, 16:9 Compatible	16:10 Native, 16:9/4:3 Compatible	16:10 Native, 16:9/4:3 Compatible	16:10 Native, 16:9/4:3 Compatible
Image Size (Native)	0.57 - 7.72m (22.39" - 304.06") Diagonal 4:3	0.83 - 9.13m (32.77" - 359.44") Diagonal 16:10	0.83 - 9.13m (32.77" - 359.44") Diagonal 16:10	0.83 - 9.13m (32.77" - 359.44") Diagonal 16:10
Throw Ratio	1.62 ~ 2.64:1	1.55 ~ 1.7:1	1.55 ~ 1.7:1	1.55 ~ 1.7:1
Zoom Type	1.6x Manual	1.1x Manual	1.1x Manual	1.1x Manual
Keystone Correction	±30° Vertical, PureShift +25% V, ±30% H	±40° Vertical	±40° Vertical	±40° Vertical
Connections	HDMI, DVI-D, 2 x VGA (YPbPr/RGB/SCART), S-Video, Composite, 3 x Audio In (RCA/Jack), Audio Out, VGA Out, RJ45, RS232, USB (mouse), +12v Trigger	HDMI, VGA (YPbPr/ RGB/SCART), S-Video, Composite, Audio In, Audio Out, VGA Out, RS232	HDMI, VGA (YPbPr/ RGB/SCART), S-Video, Composite, Audio In, Audio Out, VGA Out, RS232	HDMI, 2 x VGA (YPbPr/ RGB), S-Video, Composite, Audio In, Audio Out, VGA Out, RS232, USB (mouse)
Optional Wireless	Built-In	WPS3-Dongle	WPS3-Dongle	WPS3-Dongle
Speaker (Watts)	4	2	2	2
Bag	-	✓	✓	✓
Features	PureShift (V&H Shift), Wireless	Security Bar 3D Ready	Security Bar 3D Ready	Eco+, Security Bar, Easy Replacement Lamp 3D Ready

Data Range	Widescreen		
MODEL NAME	FW5200	EW631	EW615
Resolution	WXGA (1280 x 800) up to UXGA	WXGA (1280 x 800) up to UXGA	WXGA (1280 x 800) up to UXGA
Brightness	3300 ANSI Lumens	3500 ANSI Lumens	3500 ANSI Lumens
Contrast	8000:1	10,000:1	3000:1
Noise Level (ECO mode)	29dB	29dB	28dB
Weight (kg)	2.2	2.2	2.9
Lamp Life* (hrs) (ECO mode)	6000	6000	4000
Dimensions: (WxDxHmm)	280 x 230 x 77	280 x 230 x 77	324 x 234 x 97
Aspect Ratio	16:10 Native, 16:9/4:3 Compatible	16:10 Native, 16:9/4:3 Compatible	16:10 Native, 16:9/4:3 Compatible
Image Size (Native)	0.78 – 8.02m (30.78" - 315.83") Diagonal 16:10	0.78 – 8.02m (30.78" - 315.83") Diagonal 16:10	0.92 - 9.19m (36.3" - 362") Diagonal 16:10
Throw Ratio	1.47 ~ 1.81:1	1.47 ~ 1.81:1	1.28 ~ 1.54:1
Zoom Type	1.2x Manual	1.2x Manual	1.2x Manual
Keystone Correction	±40° Vertical	±40° Vertical	±40° Vertical
Connections	HDMI, 2 x VGA (YPbPr/ RGB/Wireless), S-Video, Composite, Audio In, Audio Out, VGA Out, RJ45, RS232, USB (mouse)	HDMI, 2 x VGA (YPbPr/ RGB/Wireless), S-Video, Composite, Audio In, Audio Out, VGA Out, RJ45, RS232, USB (mouse)	HDMI, 2 x VGA (YPbPr/RGB/ SCART/Wireless), S-Video, Composite, 3 x Audio In, Audio Out, VGA Out, RJ45, RS232, USB (mouse), +12v Trigger
Optional Wireless	WPS3-Dongle	WPS3-Dongle	WPS3-Dongle
Speaker (Watts)	10	10	10
Bag	✓	✓	✓
Features	Eco+, Security Bar, Easy Replacement Lamp, 3D Ready	Eco+, Security Bar, Easy Replacement Lamp, 3D Ready	Security Bar, Logo Capture, 3D Ready

Widescreen			Short Throw
EW762	EW766	EW766W	ZX212ST NEW
WXGA (1280 x 800) up to UXGA	WXGA (1280 x 800) up to UXGA	WXGA (1280 x 800) up to UXGA	XGA (1024 x 768) up to UXGA
4000 ANSI Lumens	4000 ANSI Lumens	4000 ANSI Lumens	2300 ANSI Lumens (LED+)
3000:1	2500:1	2500:1	100,000:1
29dB	28dB	28dB	28dB
2.9	4.6	4.6	4.5
4000	4000	4000	20,000 hours (LED+ Life)
324 x 234 x 97	364 x 283 x 127	364 x 283 x 127	321 x 240 x 95
16:10 Native, 16:9/4:3 Compatible	16:10 Native, 16:9/4:3 Compatible	16:10 Native, 16:9/4:3 Compatible	4:3 Native, 16:9 Compatible
0.92 - 9.19m (36.3" - 362") Diagonal 16:10	0.59 - 7.51m (23.31" - 295.71") Diagonal 16:10	0.59 - 7.51m (23.31" - 295.71") Diagonal 16:10	0.99 - 4.89m (39.3" - 196.5") Diagonal 4:3
1.28 ~ 1.54:1	1.57 ~ 2.39:1	1.57 ~ 2.39:1	0.626:1
1.2x Manual	1.5x Manual	1.5x Manual	Fixed
±40° Vertical	±30° Vertical, PureShift +25% V, ±30% H	±30° Vertical, PureShift +25% V, ±30% H	±40° Vertical
HDMI, 2 x VGA (YPbPr/RGB/ SCART/Wireless), S-Video, Composite, 3 x Audio In, Audio Out, VGA Out, RJ45, RS232, USB (mouse), +12v Trigger	HDMI, DVI-D, 2 x VGA (YPbPr/RGB/SCART), S-Video, Composite, 3 x Audio In (RCA/Jack), Audio Out, VGA Out, RJ45, RS232, USB (mouse), +12v Trigger	HDMI, DVI-D, 2 x VGA (YPbPr/RGB/SCART), S-Video, Composite, 3 x Audio In (RCA/Jack), Audio Out, VGA Out, RJ45, RS232, USB (mouse), +12v Trigger	HDMI, VGA (YPbPr/ RGB/SCART), S-Video, Composite, Audio In, Audio Out, VGA Out, RJ45, RS232, USB (mouse), USB-A (reader), USB-B (display), SD Card Slot
WPS3-Dongle	WPS3-Dongle	Built-In	Mini WiFi Dongle
8	4	4	10
✓	-	-	-
Security Bar, Logo Capture, 3D Ready	PureShift (V&H Shift)	PureShift (V&H Shift), Wireless	60" @ 0.77m, Crestron RoomView®, Eco+, Native Office Viewer, Media Player, Eco, 3D Ready

Data Range	Short Throw		
MODEL NAME	ZW212ST NEW	EX605ST	EX610ST
Resolution	WXGA (1280 x 800) up to UXGA	XGA (1024 x 768) up to UXGA	XGA (1024 x 768) up to UXGA
Brightness	2500 ANSI Lumens (LED+)	3000 ANSI Lumens	3000 ANSI Lumens
Contrast	100,000:1	3000:1	3000:1
Noise Level (ECO mode)	28dB	29dB	29dB
Weight (kg)	4.5	3.1	3.1
Lamp Life* (hrs) (ECO mode)	20,000 hours (LED+ Life)	4000	4000
Dimensions: (WxDxHmm)	321 x 240 x 95	306 x 243 x 113	306 x 243 x 113
Aspect Ratio	16:10 Native, 16:9/4:3 Compatible	4:3 Native, 16:9 Compatible	4:3 Native, 16:9 Compatible
Image Size (Native)	1.13 - 5.66m (44.6" - 222.8") Diagonal 16:10	1.00 - 5.0m (39.34" - 196.71") Diagonal 4:3	1.00 - 5.0m (39.34" - 196.71") Diagonal 4:3
Throw Ratio	0.52:1	0.626:1	0.626:1
Zoom Type	Fixed	Fixed	Fixed
Keystone Correction	±40° Vertical	±40° Vertical	±40° Vertical
Connections	HDMI, VGA (YPbPr/ RGB/SCART), S-Video, Composite, Audio In, Audio Out, VGA Out, RJ45, RS232, USB (mouse), USB-A (reader), USB-B (display), SD Card Slot	2 x VGA (YPbPr/RGB/ SCART), S-Video, Composite, Audio In, Audio Out, VGA Out, RS232, USB (mouse)	HDMI, 2 x VGA (YPbPr/ RGB/SCART), S-Video, Composite, 2 x Audio In (RCA/Jack), Audio Out, VGA Out, RJ45, RS232, USB (mouse), +12v Trigger, Microphone
Optional Wireless	Mini WiFi Dongle	WPS3-Dongle	WPS3-Dongle
Speaker (Watts)	10	2	10
Bag	-	-	-
Features	60" @ 0.68m, Crestron RoomView®, Eco+, Native Office Viewer, Media Player, Eco, 3D Ready	60" @ 0.77m, 3D Ready	60" @ 0.77m Crestron RoomView®, 3D Ready

Short Throw		Ultra Short Throw	
EW605ST	EW610ST	EX565UT	EX685UT NEW
WXGA (1280 x 800) up to UXGA	WXGA (1280 x 800) up to UXGA	XGA (1024 x 768) up to UXGA	XGA (1024 x 768) up to UXGA
3100 ANSI Lumens	3100 ANSI Lumens	2500 ANSI Lumens	3000 ANSI Lumens
3000:1	3000:1	3000:1	3000:1
29dB	29dB	29dB	30dB
3.1	3.1	7.6	7.6
4000	4000	4000	3000
306 x 243 x 113	306 x 243 x 113	427 x 407 x 203	427 x 407 x 203
16:10 Native, 16:9/4:3 Compatible	16:10 Native, 16:9/4:3 Compatible	4:3 Native, 16:9 Compatible	4:3 Native, 16:9 Compatible
1.13 - 5.67m (44.64" - 223.21") Diagonal 16:10	1.13 - 5.67m (44.64" - 223.21") Diagonal 16:10	1.53 - 2.16m (60.10" - 84.93") Diagonal 4:3	1.53 - 2.16m (60.10" - 84.93") Diagonal 4:3
0.52:1	0.52:1	0.377:1	0.377:1
Fixed	Fixed	Fixed	Fixed
±40° Vertical	±40° Vertical	±40° Vertical	±40° Vertical
2 x VGA (YPbPr/RGB/ SCART), S-Video, Composite, Audio In, Audio Out, VGA Out, RS232, USB (mouse)	HDMI, 2 x VGA (YPbPr/ RGB/SCART), S-Video, Composite, 2 x Audio In (RCA/Jack), Audio Out, VGA Out, RJ45, RS232, USB (mouse), +12v Trigger, Microphone	HDMI, 2 x VGA (YPbPr/ RGB/SCART), S-Video, Composite, 2 x Audio In (RCA/Jack), Audio Out, VGA Out, RJ45, RS232, USB (mouse), +12v Trigger, Microphone	HDMI, 2 x VGA (YPbPr/ RGB/SCART), S-Video, Composite, 2 x Audio In (RCA/Jack), Audio Out, VGA Out, RJ45, RS232, USB, +12v Trigger, Microphone
WPS3-Dongle	WPS3-Dongle	WPS3-Dongle	WPS3-Dongle
2	10	10	10
-	-	-	-
60" @ 0.68m, 3D Ready	60" @ 0.68m Crestron RoomView®, 3D Ready	60" @ 0.46m Crestron RoomView®, 3D Ready	60" @ 0.46m Crestron RoomView®, 3D Ready

Data Range	Ultra Short Throw		
MODEL NAME	EX685UTis NEW	EW695UT NEW	EW695UTis NEW
Resolution	XGA (1024 x 768) up to UXGA	WXGA (1280 x 800) up to UXGA	WXGA (1280 x 800) up to UXGA
Brightness	3000 ANSI Lumens	3500 ANSI Lumens	3500 ANSI Lumens
Contrast	3000:1	3000:1	3000:1
Noise Level (ECO mode)	30dB	30dB	30dB
Weight (kg)	7.6	7.6	7.6
Lamp Life* (hrs) (ECO mode)	3000	3000	3000
Dimensions: (WxDxHmm)	427 x 407 x 203	427 x 407 x 203	427 x 407 x 203
Aspect Ratio	4:3 Native, 16:9 Compatible	16:10 Native, 16:9/4:3 Compatible	16:10 Native, 16:9/4:3 Compatible
Image Size (Native)	1.53 - 2.16m (60.10" - 84.93") Diagonal 4:3	1.53 - 2.56m (60.36" - 100.59") Diagonal 16:10	1.53 - 2.56m (60.36" - 100.59") Diagonal 16:10
Throw Ratio	0.377:1	0.3026:1	0.3026:1
Zoom Type	Fixed	Fixed	Fixed
Keystone Correction	±40° Vertical	±40° Vertical	±40° Vertical
Connections	HDMI, 2 x VGA (YPbPr/ RGB/SCART), S-Video, Composite, 2 x Audio In (RCA/Jack), Audio Out, VGA Out, RJ45, RS232, USB (mouse), USB Reader, USB Display, +12v Trigger, Microphone	HDMI, 2 x VGA (YPbPr/ RGB/SCART), S-Video, Composite, 2 x Audio In (RCA/Jack), Audio Out, VGA Out, RJ45, RS232, USB, +12v Trigger, Microphone	HDMI, 2 x VGA (YPbPr/ RGB/SCART), S-Video, Composite, 2 x Audio In (RCA/Jack), Audio Out, VGA Out, RJ45, RS232, USB (mouse), USB Reader, USB Display, +12v Trigger, Microphone
Optional Wireless	Mini Wi-Fi Dongle	WPS3-Dongle	Mini Wi-Fi Dongle
Speaker (Watts)	2	10	10
Bag	-	-	-
Features	60" @ 0.46m Interactive Projection Crestron RoomView® 3D Ready	60" @ 0.39m Crestron RoomView® 3D Ready	60" @ 0.39m Interactive Projection Crestron RoomView® 3D Ready

High Resolution			
DH1010	EH1020	DH1015	EH2060
1080p (1920 x 1080)	1080p (1920 x 1080)	1080p (1920 x 1080)	1080p (1920 x 1080)
2700 ANSI Lumens	3000 ANSI Lumens	3500 ANSI Lumens	4000 ANSI Lumens
2000:1	4000:1	2500:1	2500:1
28dB	28dB	28dB	28dB
2.9	2.9	3.5	3.5
4000	4000	3000	3000
324 x 234 x 97	324 x 234 x 97	326 x 259 x 109	326 x 259 x 109
16:9 Native, 4:3 Compatible	16:9 Native, 4:3 Compatible	16:9 Native, 4:3 Compatible	16:9 Native, 4:3 Compatible
0.77 - 9.19m (30.15" - 361.75") Diagonal 16:9	0.77 - 9.19m (30.15" - 361.75") Diagonal 16:9	0.72 – 8.67m (28.41" - 341.28") Diagonal 16:9	0.72 – 8.67m (28.41" - 341.28") Diagonal 16:9
1.5 - 1.8:1	1.5 - 1.8:1	1.59 - 1.91:1	1.59 - 1.91:1
1.2x Manual	1.2x Manual	1.2x Manual	1.2x Manual
±20° Vertical	±20° Vertical	±15° Vertical	±15° Vertical
HDMI, VGA (YPbPr/ RGB/SCART), S-Video, Composite, 2 x Audio In, Audio Out, VGA Out, RS232, USB (mouse), +12v Trigger	HDMI, VGA (YPbPr/ RGB/SCART), S-Video, Composite, 2 x Audio In, Audio Out, VGA Out, RS232, USB (mouse), +12v Trigger	2 x HDMI, Component Video, VGA (YPbPr/ RGB/SCART), S-Video, Composite, 2 x Audio In (RCA/Jack), Audio Out, VGA Out, RJ45, RS232, USB (mouse), +12v Trigger	2 x HDMI, Component Video, VGA (YPbPr/ RGB/SCART), S-Video, Composite, 2 x Audio In (RCA/Jack), Audio Out, VGA Out, RJ45, RS232, USB (mouse), +12v Trigger
-	-	-	-
8	8	3	3
✓	✓	✓	✓
Security Bar	Security Bar	Easy Lamp Replacement, Crestron RoomView®	Easy Lamp Replacement, Crestron RoomView®

Project Green

We know that improving our products is the best way to reduce our impact on the environment. That's why at Optoma, we design our products to have a long usable life, use fewer materials, ship with the minimum packaging and be free of all possible toxic substances. Naturally, energy efficiency and being recyclable are built in at the design stage. With each new product, we strive towards minimising our environmental impact. For full details of Optoma Project Green please visit our website.

Visualiser DC300i

Newly introduced, the DC300i Visualiser easily connects to a projector allowing everyone in the room to see what's under its high powered camera. The DC300i is simple use but very effective when teaching a large room of people due to its 9 x optical and 12 x digital zoom. The adjustable swan neck and tough design make it perfect for both educational or business applications.

- 2mp Camera
- XGA / SXGA
- 9 x Optical Zoom, 12 x Digital
- Swan neck design for easy adjustment
- Snap shot function and Video recording
- Image Rotation, Mirror, Freeze, Compare
- 2 x Microscope Adaptors
- Icon driven remote control
- 5 Year Warranty

Pico Range

pico pocket projector MODEL NAME	PK120	PK301+	PK320
	Store and share – anywhere, anytime…	Professional presentations on the move	Powerful business tool – image that fits in your pocket!
	Slim and stylish Interchangeable covers Native office viewer	Portable projection	Powerful and bright – 100L, Native office viewer
Images, movies and audio compatible	✓	✓	✓
Resolution	640 x 360 (nHD)	854 x 480 (WVGA)	854 x 480 (WVGA)
Max Screen Size	70"	150"	150"
Brightness	18L	100L	100L
Contrast Ratio	2000:1	3000:1	2000:1
Weight	145g	235g	250g
Battery Life (hrs) (eco mode)	1.5	1.5	1.5
HDMI	-	✓	✓
VGA	✓	✓	✓
AV In	✓	✓	✓
Audio Out	✓	✓	✓
USB (data transfer and charging)	✓	✓	✓
Internal Memory	1GB	55MB	1GB
Card Slot	MicroSD	MicroSD	MicroSD
Speaker	1.0W	0.5W	1.0W
Office	Native	File conversion (Arcsoft)	Native

All devices require a suitable video output (HDMI\Composite\VGA where relevant) for use with the Optoma Pico. PowerPoint® and video file playback require a Windows® PC and supplied software for file conversion and transfer to the Pico. MicroSD Card not included.

Optoma Screen Range

PMG+
Manual Pull - Down

MWL
Portable Lift

EGA
Motorised

The best products can only be made with the best materials and the highest grade of screen fabrics. Optoma uses the most professionally made screen fabrics to reflect the truest, most vivid and dynamic images.

To see our full screen range please visit the Optoma website.
www.optomaeurope.com

Optoma Accessories

Projector Mounts

OCM818W
OCM818B
OCM815B
OCM815W

Universal ceiling mount with/without extension pole (adjustable height 576mm–826mm) available in black and white.

Please visit www.optomaeurope.com to check compatibility

OPCWM835
OPCWM835-W

Wall mount for the ZX210ST/ZW210ST/EX605ST/ EW605ST/EX610ST/EW610ST

Telescopic mount with height adjustment plate for versatile installation, available in black and white.

OPCUWM900

Wall mount for the EX565UT/EX685UT/EX685UTis/ EW695UT/EW695UTis.

Telescopic arm and adjustable mounting plate for perfect installation.

Lamps

Official Optoma lamps – please check website for part number.

Wireless

WPS3-Dongle

Ideal for the FX5200/EX631/FW5200/EW631/EX615/ EX762/EW615/EW762 – powered through VGA input.

WPS3-Dongle can be used with any Optoma SVGA/ XGA/WXGA projector using the supplied power adaptor.

WPS3-Dongle lets you connect and display presentation & video material wirelessly.

Mini WiFi Dongle
(WU5205)

Ideal for the UTi(s), LED⁺ models and ML Series - powered via USB input.

Share photos, presentations and videos* wirelessly using the Mini WiFi Dongle

*Wireless video support on the LED⁺ and ML Series only.

Remote Control

LR4DM

Wireless remote control with a built-in laser pointer. This universal remote will work with any laptop PC with a USB port, allowing for easy control over any presentation.

HD600X-LV

Resolution	720p (WXGA 1280 x 800)
ANSI Contrast†	300:1
Contrast	3000:1
Brightness	2500 ANSI Lumens
Zoom Type	1.1x
Throw Ratio	1.55 - 1.7:1
Noise (ECO mode)	28dB
Connections	HDMI (v1.3), VGA (YPbPr/RGB/SCART), S-Video, Composite, Audio In, Audio Out, VGA Out, RS232
Video Compatibility	480i/p, 576i/p, 720p, 1080i, 1080p24, 1080p60, 1080p50
Speaker (Watts)	2
Weight (kg)	2.3
Features	HD Ready, 3D Ready, 2W

HD6720

Resolution	720p (WXGA 1280 x 800)
ANSI Contrast†	400:1
Contrast	4000:1
Brightness	2700 ANSI Lumens
Zoom Type	1.1x
Throw Ratio	1.55 - 1.7:1
Noise (ECO mode)	28dB
Connections	HDMI (v1.3), 2 x VGA (YPbPr/RGB/SCART), S-Video, Composite, Audio In, Audio Out, VGA Out, RS232, USB (mouse)
Video Compatibility	480i/p, 576i/p, 720p, 1080i, 1080p24, 1080p60, 1080p50
Speaker (Watts)	2
Weight (kg)	2.3
Features	HD Ready, 3D Ready, 2W

GT750

Resolution	720p (WXGA 1280 x 800)
ANSI Contrast†	300:1
Contrast	3000:1
Brightness	3500 ANSI Lumens
Zoom Type	Fixed
Throw Ratio	0.72:1
Noise (ECO mode)	27dB
Connections	2x HDMI (v1.4a 3D), VGA (YPbPr/RGB), S-Video, Composite, Audio In (RCA), Audio Out, RS232, 3D-Sync
Video Compatibility	480i/p, 576i/p, 720p, 1080i, 1080p24, 1080p60, 1080p50, HDMI 1.4a 3D
Speaker (Watts)	10
Weight (kg)	2.97
Features	HD Ready, Full 3D, 24 FPS, 10W, Full 3D 720p Support, Shadow-free Active Gameplay

GT750-XL

Resolution	720p (WXGA 1280 x 800)
ANSI Contrast†	300:1
Contrast	3000:1
Brightness	3500 ANSI Lumens
Zoom Type	Fixed
Throw Ratio	0.72:1
Noise (ECO mode)	27dB
Connections	2x HDMI (v1.4a 3D), VGA (YPbPr/RGB), S-Video, Composite, Audio In (RCA), Audio Out, RS232, 3D-Sync
Video Compatibility	480i/p, 576i/p, 720p, 1080i, 1080p24, 1080p60, 1080p50, HDMI 1.4a 3D
Speaker (Watts)	10
Weight (kg)	2.97
Features	HD Ready, Full 3D, 24 FPS, 10W, Full 3D 720p Support, Shadow-free Active Gameplay, 1 pair ZD201 DLP-Link shutter-glasses included

HD230X

Resolution	1080p (1920 x 1080)
ANSI Contrast†	400:1
Contrast	4000:1
Brightness	2300 ANSI Lumens
Zoom Type	1.2x
Throw Ratio	1.5 - 1.8:1
Noise (ECO mode)	29dB
Connections	2 x HDMI (v1.3), Component Video, VGA (YPbPr/RGB/SCART), Composite, +12v Trigger
Video Compatibility	480i/p, 576i/p, 720p, 1080i, 1080p24, 1080p60, 1080p50
Speaker (Watts)	-
Weight (kg)	2.9
Features	Full HD 1080p, 24 FPS

HD23

Resolution	1080p (1920 x 1080)
ANSI Contrast†	500:1
Contrast	5000:1
Brightness	2500 ANSI Lumens
Zoom Type	1.2x
Throw Ratio	1.5 - 1.8:1
Noise (ECO mode)	29dB
Connections	2 x HDMI (v1.3), Component Video, VGA (YPbPr/RGB/SCART), Composite, +12v Trigger
Video Compatibility	480i/p, 576i/p, 720p, 1080i, 1080p24, 1080p60, 1080p50
Speaker (Watts)	-
Weight (kg)	2.9
Features	Full HD 1080p, 24 FPS

Home Entertainment Range

Optoma

HD300X

Resolution	1080p (1920 x 1080)
ANSI Contrast†	400:1
Contrast	8,000:1
Brightness	1600 ANSI Lumens
Zoom Type	1.2x
Throw Ratio	1.5 - 1.8:1
Noise (ECO mode)	27dB
Connections	2 x HDMI (v1.4a 3D), Component Video, VGA (YPbPr/RGB), Composite, RS232, +12v Trigger, 3D-sync
Video Compatibility	480i/p, 576i/p, 720p, 1080i, 1080p24, 1080p60, 1080p50, HDMI 1.4a 3D
Speaker (Watts)	-
Weight (kg)	4.5
Features	Full HD 1080p, Full 3D, 24 FPS — Full 3D 1080p Support PureMotion4 - Fourth generation frame interpolation

Optoma

HD33

Resolution	1080p (1920 x 1080)
ANSI Contrast†	500:1
Contrast	10,000:1
Brightness	1800 ANSI Lumens
Zoom Type	1.2x
Throw Ratio	1.5 - 1.8:1
Noise (ECO mode)	27dB
Connections	2 x HDMI (v1.4a 3D), Component Video, VGA (YPbPr/RGB), Composite, RS232, +12v Trigger, 3D-sync
Video Compatibility	480i/p, 576i/p, 720p, 1080i, 1080p24, 1080p60, 1080p50, HDMI 1.4a 3D
Speaker (Watts)	-
Weight (kg)	4.5
Features	Full HD 1080p, Full 3D, 24 FPS — Full 3D 1080p Support PureMotion4 - Fourth generation frame interpolation

ZF2100 System

Developed in parallel with our "Full 3D" projectors, the ZF2100 system is optimised to provide higher contrast & brighter images than ever before, while eliminating tedious issues with emitter placement, limited range and potential interference commonly experienced when using Infra-red.

Fully rechargeable, our ZF2100 glasses give you the peace of mind that comes with knowing both installing and using them will be hassle free.

ZF2100 Specifications			
	100/120/144Hz (50/60/72Hz per eye)		Rechargable Lithium Polymer
	160x160x55 (mm)		Projector / Display must have a "3D Sync"connector (VESA DIN3)
	39g		Up to 40M (Dependent on environment)
	Up to 15 Hours		HD83, HD33, HD300X, GT750-XL

Home Cinema Range

THEME|SCENE

HD83

Resolution	1080p (1920 x 1080)
ANSI Contrast†	700:1
Contrast	50,000:1
Brightness	1600 ANSI Lumens
Zoom Type	1.5x
Lens Shift	PureShift +25% V, ±30% H
Throw Ratio	1.5 - 2.28:1
Noise (ECO mode)	22dB
Connections	2 x HDMI (v1.4a 3D), Component Video, VGA (YPbPr/RGB), Composite, 2 x +12v Trigger, 3D-Sync, RS232
Video Compatibility	480i/p, 576i/p, 720p, 1080i, 1080p24, 1080p60, 1080p50, HDMI 1.4a 3D
Weight (kg)	8.4
Features	Full HD 1080p, Full 3D, 24 FPS — Full 3D 1080p Support, PureMotion4 - Fourth generation frame interpolation

Optoma Europe Limited
42 Caxton Way, Watford Business Park,
Watford, Hertfordshire. WD18 8QZ
Tel: +44 (0) 1923 691800
Fax: +44 (0) 1923 691888

www.optomaeurope.com

† "ANSI Contrast" is a recognised contrast measurement technique as described in the standard IEC 61947-1

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